

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A vehicular headlamp comprising a light-emitting system comprising at least one semiconductor light-emitting element and an optical system comprising at least one of a reflector and a lens, a focal point of said optical system being on or near a light-emitting surface of said light-emitting ~~system~~element, said light-emitting surface ~~of said light-emitting element~~ having a horizontally elongated shape in a direction orthogonal to an optical axis of said light-emitting ~~element~~system when viewed in the direction of the optical axis of said light-emitting ~~system~~element, and said optical system forming a light distribution pattern by enlarging a light pattern of said light-emitting surface in a horizontal direction, wherein the light-emitting surface of the light-emitting ~~element~~system has a rotationally asymmetric shape and a straight-line edge, whereby the optical system forms the light distribution pattern with a cut line by projecting the straight-line edge of the light-emitting surface.

2. (original) The vehicular headlamp according to claim 1, wherein said light-emitting surface has a substantially rectangular shape when viewed in said direction of said optical axis.

3. (currently amended) The vehicular headlamp according to claim 1, wherein said light-emitting ~~element~~ system comprises a semiconductor chip, a reflector disposed behind and around said semiconductor chip, and a fluorescent body filled around said semiconductor chip.

4. (currently amended) The vehicular headlamp according to claim 2, wherein a side edge portion of a pattern shape of a light source image of said light-emitting ~~element~~ system in a longitudinal direction thereof has a shape geometrically similar to a cut line of a low-beam of a headlamp.

5. (currently amended) The vehicular headlamp according to claim 1, wherein said light-emitting ~~element~~ system comprises a plurality of semiconductor chips arranged in an array, whereby a rotationally asymmetric light intensity distribution can be obtained around the optical axis of the light-emitting ~~element~~ system by selectively causing a plurality or all of said semiconductor chips to radiate light.

6. (cancelled).

7. (previously presented): The vehicular headlamp according to claim 5, wherein said semiconductor chips are arranged in a single line, and further comprising a semi-cylindrical fluorescent member covering said semiconductor chips.

8. (cancelled).

9. (previously presented): The vehicular headlamp according to claim 5, wherein said semiconductor chips are arranged in a rectangular matrix, and said optical system comprises a hemispherical fluorescent member covering said semiconductor chips.

10. (original) The vehicular headlamp according to claim 5, wherein different ones of said semiconductor chips have respectively different shapes so as to produce respective light distribution patterns having differing amounts of diffusion in a horizontal direction, whereby said optical system forms a combined projected light pattern by combining said respective light distribution patterns having differing amounts of diffusion.

11. (original) The vehicular headlamp according to claim 10, wherein selected ones of said semiconductor chips are shaped and arranged to produce a projected light pattern having a cut line for a headlamp low-beam.

12. (currently amended): A vehicular headlamp comprising a light-emitting system comprising a semiconductor light-emitting element and an optical system comprising at least one of a reflector and a lens, a focal point of said optical system being on or near a light-emitting surface of said light-emitting ~~system~~element, said light-emitting surface of said light-emitting ~~element-system~~ having a rotationally asymmetric shape in a direction orthogonal to an optical axis of said light-emitting ~~element-system~~ when viewed in the direction of the optical axis of said light-emitting ~~system~~element, and said optical system forming a light distribution pattern by

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enlarging an image of said light source image, and wherein the light-emitting surface of the light-emitting ~~element~~ system has a straight-line edge, whereby the optical system forms the light distribution pattern with a cut line by projecting the straight-line edge of the light-emitting surface.

13-14. (Cancelled).